



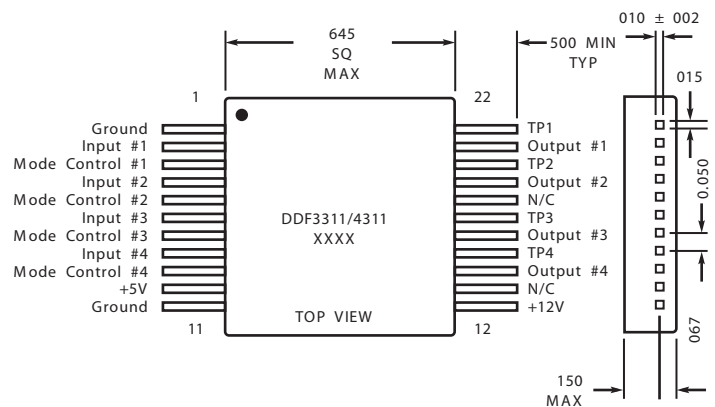
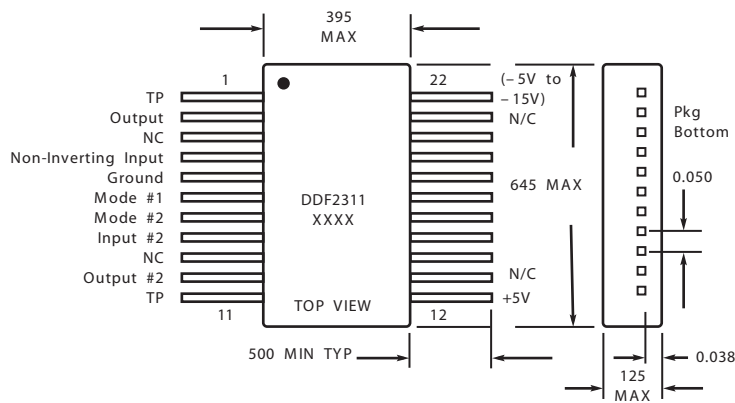
2-, 3- & 4-CHANNEL HIGH SPEED DRIVERS

DDF2311 DDF3311 DDF4311

Multiple independent high-speed drivers with 300 mA peak current spikes.

- Inputs are non-inverting when Mode control has a logic high input.
- Inputs are inverting when Mode control has a logic low input.
- To increase switching spike currents, add a capacitor of up to 560 pF between the output and TP pins.
- Mode control and input pins are interchangeable within any one channel.
- When driving anode-grounded diodes, excessive power dissipation must be avoided. Vee should be limited to -8V with -5V recommended.
- The DDF2311/3311/4311 do not have a true current source output. Instead the output is connected to a 380-ohm resistor in parallel with a 560 pF capacitor and the driven end of this RC combination is switched between +4V and Vee so that the negative output current varies directly with Vee.

METAL WELDED PACKAGE



Spectrum Microwave

Tel: 508-485-6350 Fax: 508-485-5168
165 Cedar Hill Street, Marlborough, Ma 01752
www.SpectrumMicrowave.com